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(54) A dual roller shade

(57) A double panel window shade is formed by shade panels wound on inner and outer coaxial rollers. The inner roller includes a shaft secured at each end and journaled in mounting brackets at each end of the inner roller. The outer roller includes end plates journaled on the inner roller shafts. The outer roller defines a slot for receiving and passing the inner shade when said outer shade is fully unrolled from the outer roller. Each shade panel includes a bottom rail. A pull cord is provided for raising and lowering the shades by rotating the rollers. The pull cord is operatively connected to the inner roller by a dual direction spring clutch. The rollers are formed by a pair of roller tubes aligned one inside the other and each having a central axis, the axis of rotation of each tube being the central axis of the inner tube, and the central axis of the outer tube being spaced from its axis of rotation.

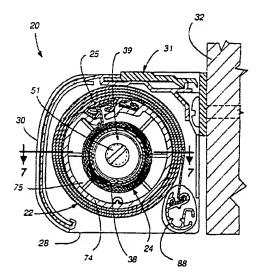


Fig. 5



EUROPEAN SEARCH REPORT

Application Number EP 96 30 4011

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				TECHNICAL FIELDS SEARCHED (Int.Cl.6)	
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CATEGORY CF CITED DOCUMENTS X: particularly relevant if taken alone Y: particularly relevant if combined with anothe document of the same category A: technological background O: non-written disclosure P: intermediate document		E : earlier patent do after the filmy da ner D : document cited	T - theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D - document cited in the application L : document cited for other reasons		
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